

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021683.D
 Acq On : 28 Mar 2025 11:21
 Operator : SY/MD
 Sample : VY0328SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBL01

Quant Time: Mar 28 23:40:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	225314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	417248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	381501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144468	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135549	55.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.060%
35) Dibromofluoromethane	7.634	113	142365	52.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.200%
50) Toluene-d8	10.103	98	514834	49.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.408	95	153338	44.026	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.060%

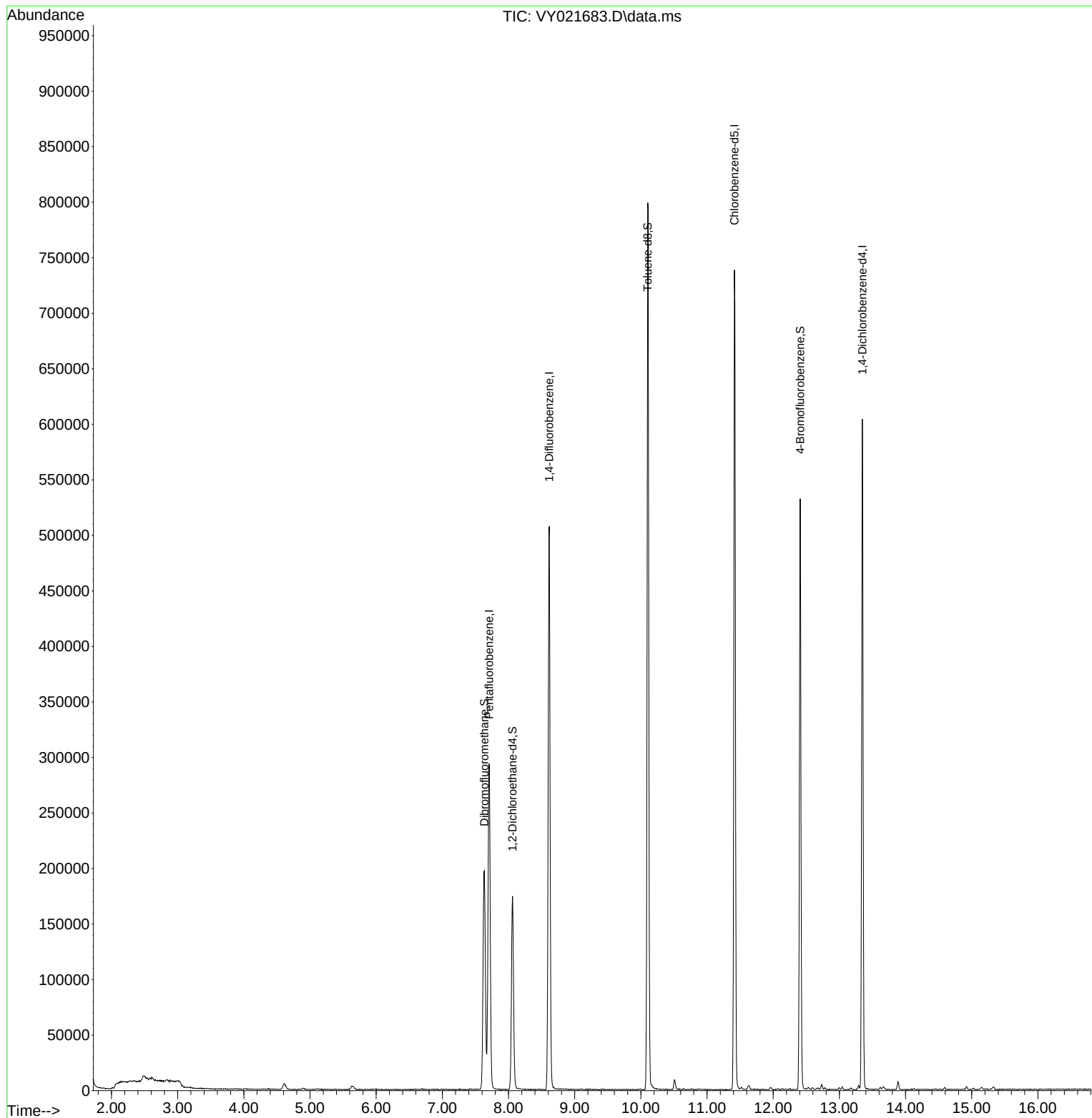
Target Compounds	Qvalue

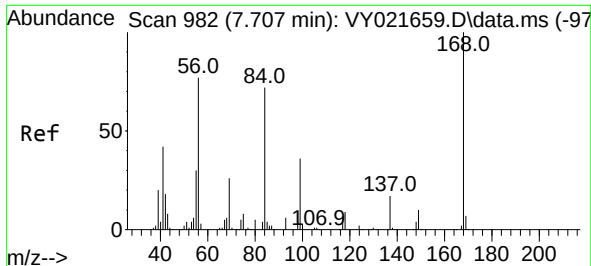
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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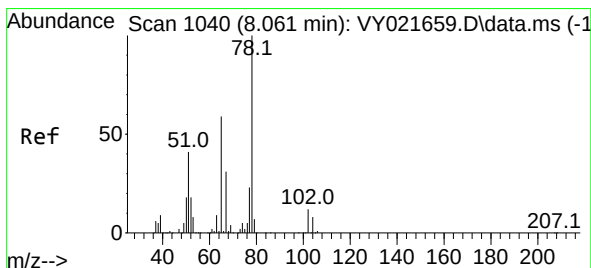
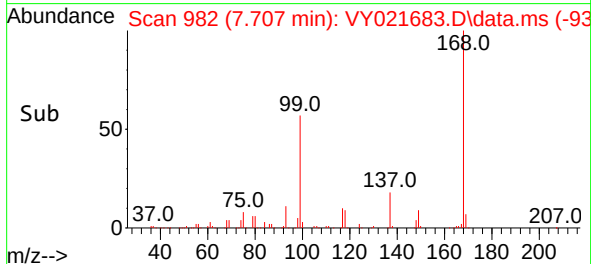
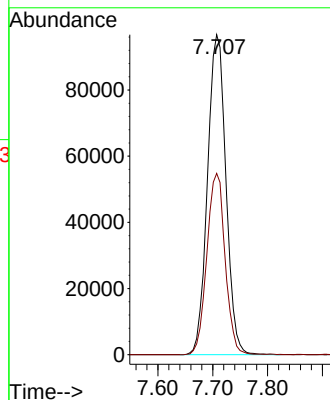
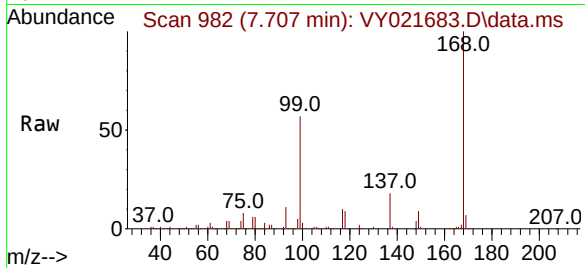




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

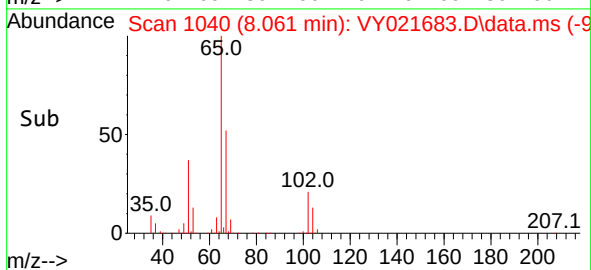
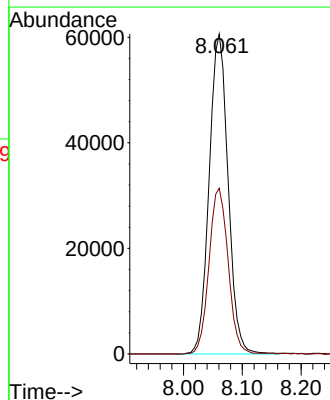
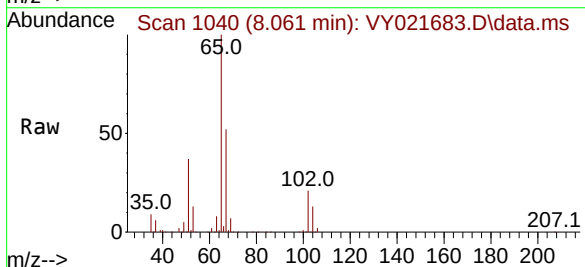
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBL01

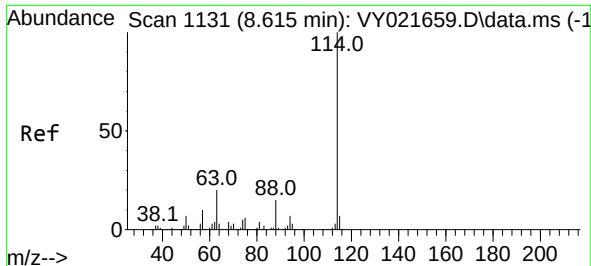
Tgt Ion:168 Resp: 225314
Ion Ratio Lower Upper
168 100
99 56.7 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 55.525 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

Tgt Ion: 65 Resp: 135549
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6

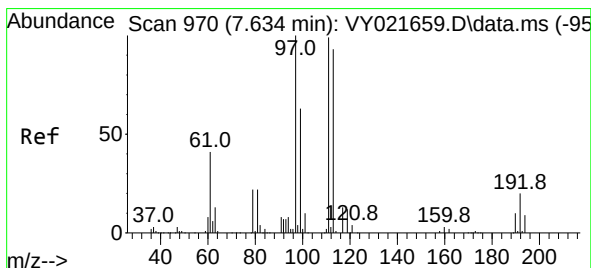
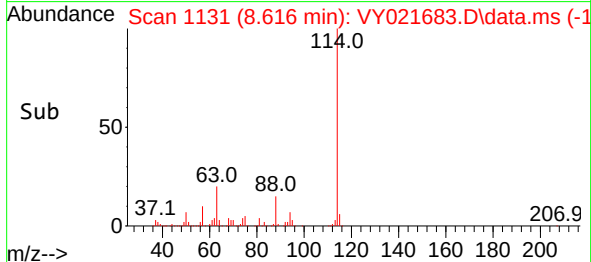
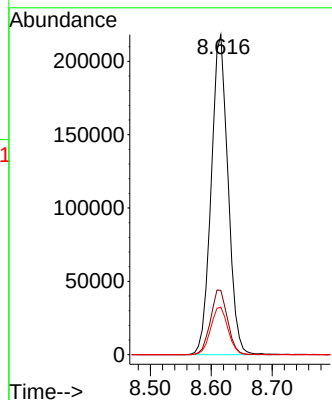
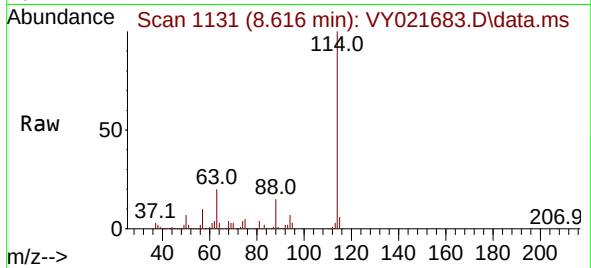




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

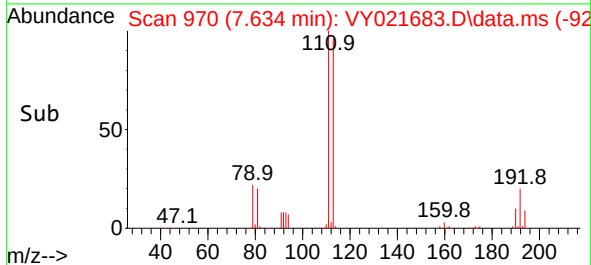
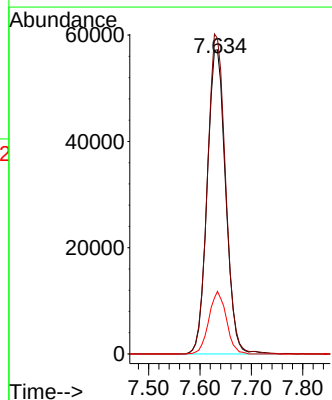
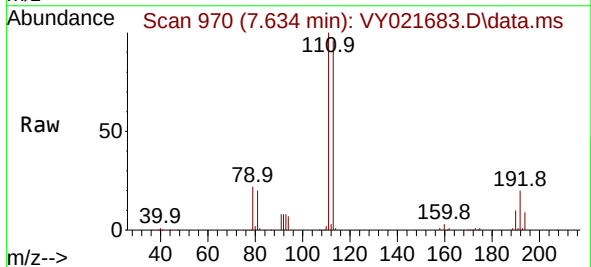
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBL01

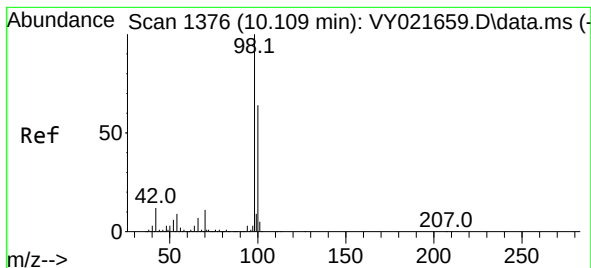
Tgt Ion:114 Resp: 417248
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.2
88 14.9 0.0 29.8



#35
Dibromofluoromethane
Concen: 52.599 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

Tgt Ion:113 Resp: 142365
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 19.5 16.2 24.4

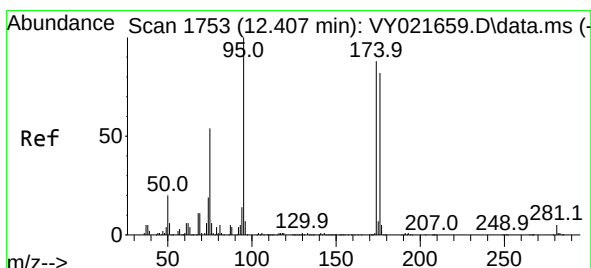
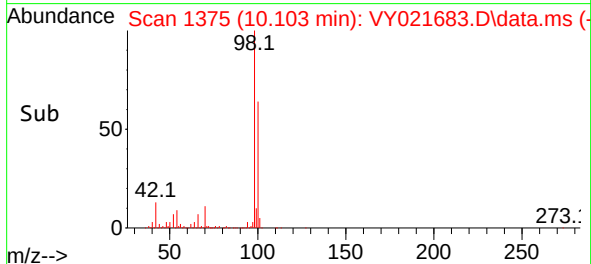
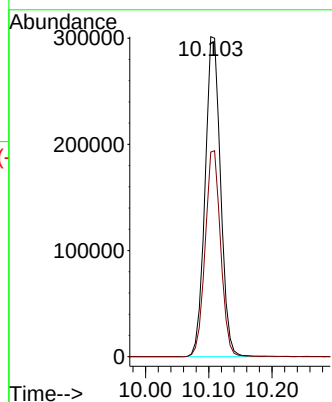
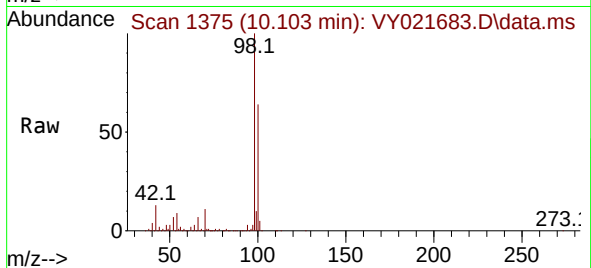




#50
Toluene-d8
Concen: 49.999 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

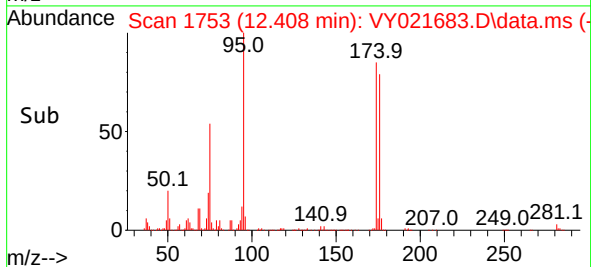
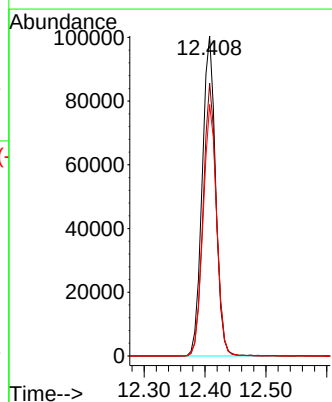
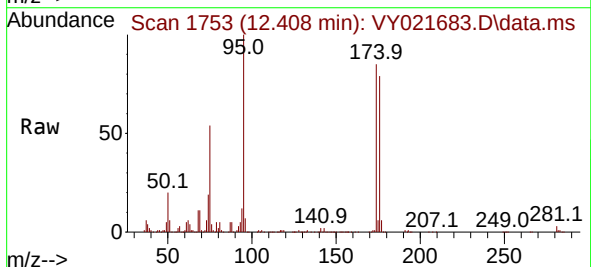
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBL01

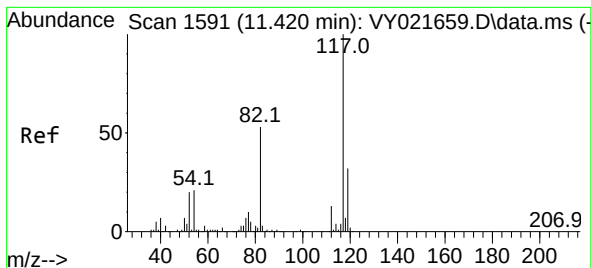
Tgt Ion: 98 Resp: 514834
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.026 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

Tgt Ion: 95 Resp: 153338
Ion Ratio Lower Upper
95 100
174 84.3 0.0 170.8
176 79.3 0.0 162.0

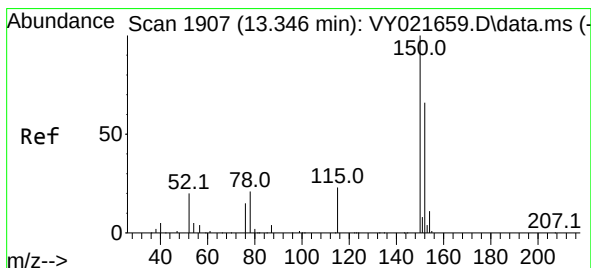
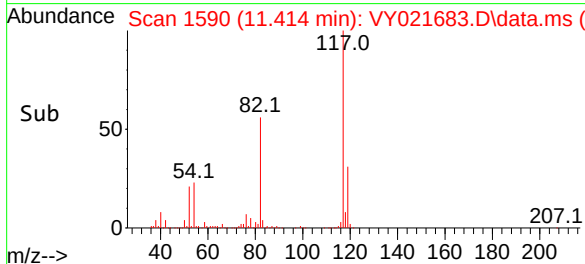
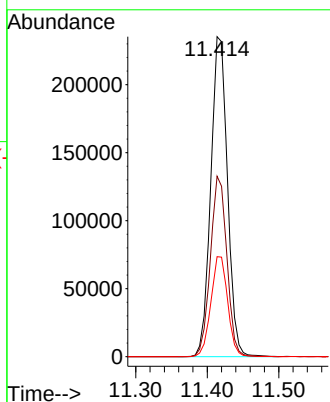
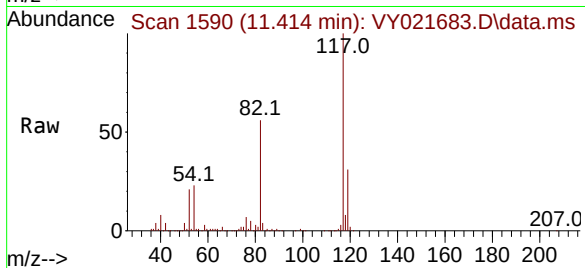




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBL01

Tgt Ion:117 Resp: 381501
Ion Ratio Lower Upper
117 100
82 56.4 42.8 64.2
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021683.D
Acq: 28 Mar 2025 11:21

Tgt Ion:152 Resp: 144468
Ion Ratio Lower Upper
152 100
115 58.5 28.8 86.5
150 159.0 0.0 348.4

